

Figure 20 " 2005.000

Effect of pre-capacitation (Pre-C) and post capacitation (Post-C) sperm treatment with LSA on zona pellucida binding. N = 4.

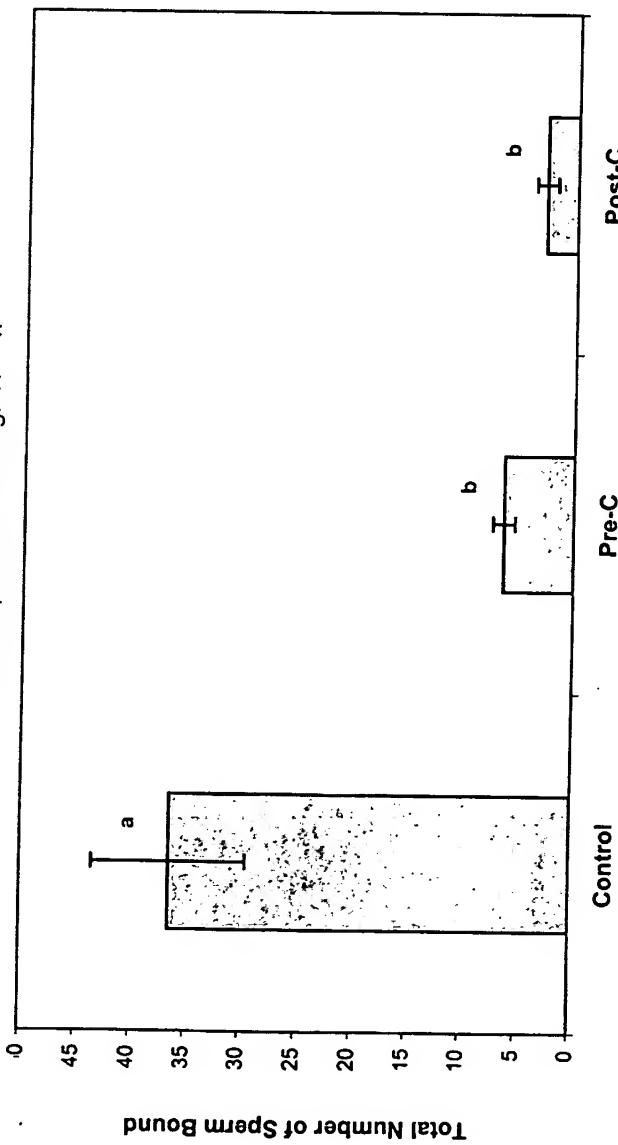
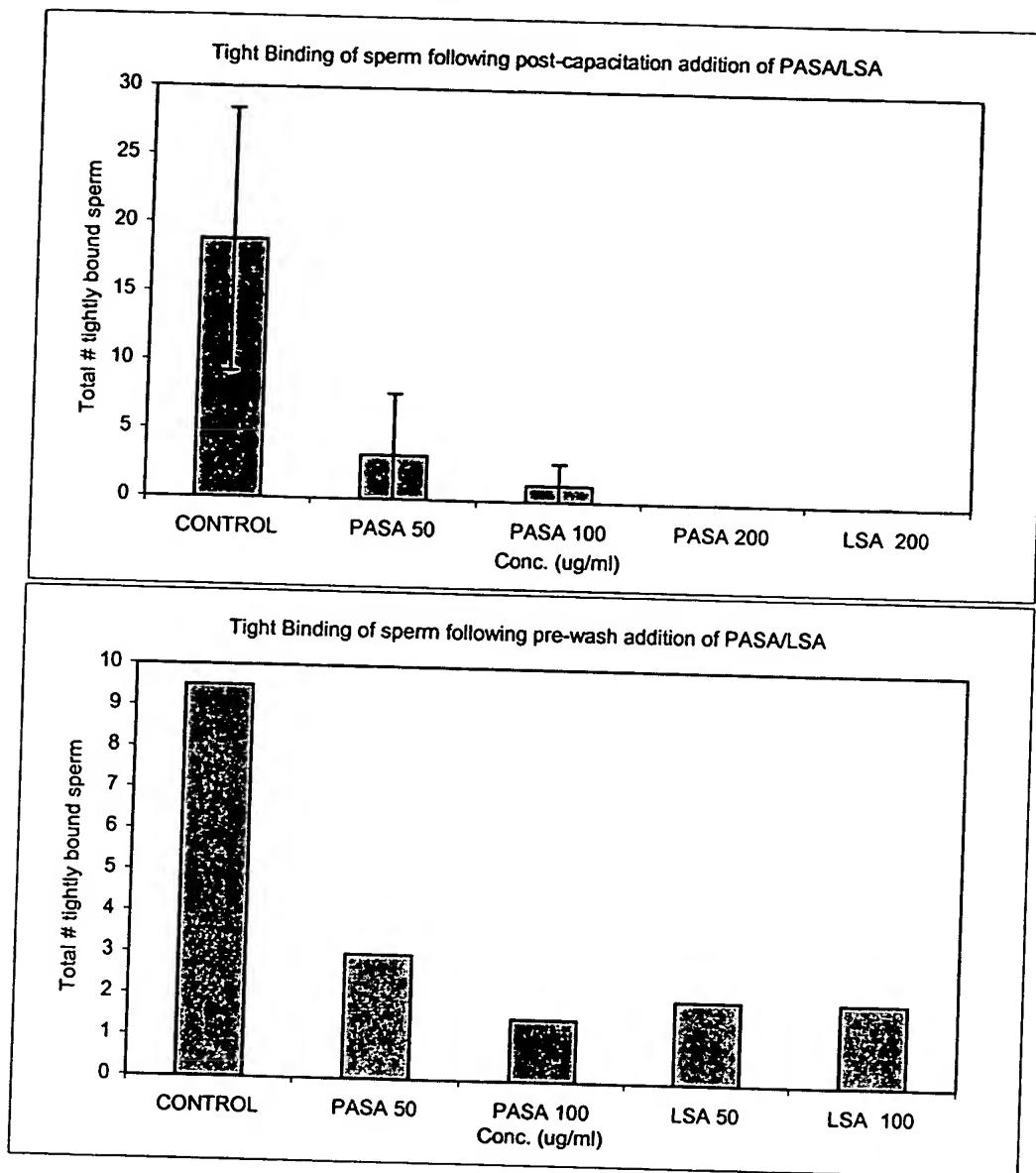


Figure 2

Percent Motility (%Mot) and Progression (Prog) of Sperm Treated with 1.5 mg/ml of LSA; Pre-Wash (PW) and Post -Capacitation (PC). Zona Binding Assay (ZBA) and IVF.

ZBA		IVF											
		Control			PC								
Male	% Mot Prog	PW	% Mot Prog	PC	% Mot Prog	Male	% Mot Prog						
876	70	3	60	2	72	3	361	78	3	86	3	81	3
70	71	3	78	3	83	3	776	56	2	53	2	59	2
711	80	4	76	3	73	4	776	68	3	71	3	70	3
776	76	3	85	4	82	4	70	63	2	66	2	69	2
Mean	74.3	3.3	74.8	3.0	77.5	3.5	Mean	66.3	2.5	69.0	2.5	69.8	2.5
SEM	2.7	0.3	6.1	0.5	3.4	0.3	SEM	5.3	0.3	7.9	0.3	5.2	0.3

Figure 3



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Figure 4. \bar{x} \pm S.D.

Effect of pre-capacitation (Pre-C) and post capacitation (Post-C) sperm treatment with Fucoidin on zona pellucida binding. N=4.

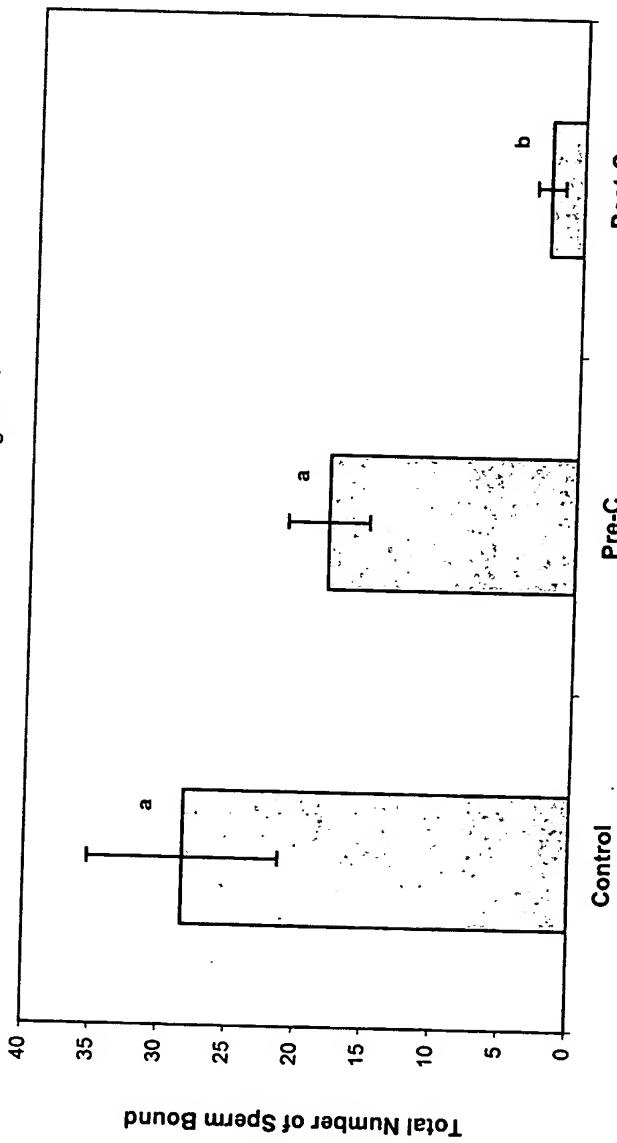


Figure 5

IVF with sperm treated with 1.5 mg/ml LSA ; Pre-Wash (PW) and Post-Capacitation (PC). Sperm concentration = 500,000 motile/ml. 4-5 Oocytes per treatment.

		Fertilization Rates (%)			
Female	Male	Control	PW	PC	
29082	361	80	0	0	
29230	776	40	0	0	
29877	776	100	0	0	
28541	70	40	0	0	
Mean		65.0	0	0	
SEM		17	0	0	

Figure 6

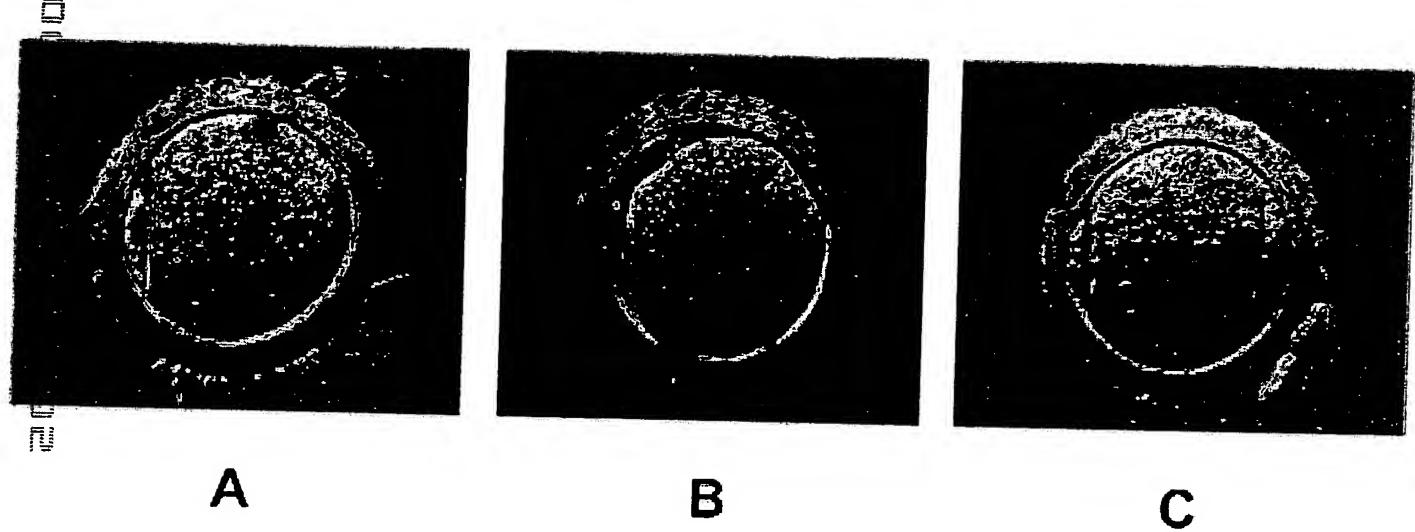


Figure 7

